

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	Group Art Unit: (Unassigned)
)	
ARUN M. HAMASAGAR, ET AL.)	Examiner: (Unassigned)
)	
Application Number: Unassigned)	
)	
Filed: Unassigned)	
)	
Title: POSITION SENSING METHOD AND)	
APPARATUS FOR A LINKAGE)	
SYSTEM)	
)	
Attorney Docket No.: 02-599)	

Peoria, Illinois 61629-6490

July 7, 2003

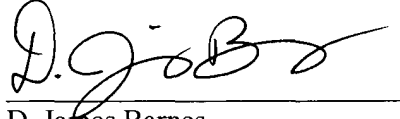
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The following information and attached material are submitted for the Examiner's consideration relative to one or more of the claims in the above-identified application. A PTO 1449 (SB08) form and a copy, if required, of each item listed thereon are attached.

Respectfully submitted,



D. James Barnes
Registration No. 48,869
Caterpillar Inc.

Telephone: (309) 494-1815
DJB:ksw
Enc.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	(Unassigned)
				Filing Date	(Herewith)
				First Named Inventor	Arun M. Hamasagar ET AL.
				Art Unit	(Unassigned)
				Examiner Name	(Unassigned)
Sheet <u>1</u> of <u>2</u>				Attorney Docket Number	02-599

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 2002/0135359	9-26-2002	Steinich	
		US- 3,915,070	10-28-1975	Mailliet	
		US- 4,121,504	10-24-1978	Nowak	
		US- 4,179,982	12-25-1979	Saotome	
		US- 4,552,055	11-12-1985	Foxwell	
		US- 4,632,018	12-30-1986	Lymburner	
		US- 4,883,150	11-28-1989	Arai	
		US- 4,899,643	2-13-1990	Hvilsted, et al.	
		US- 4,952,873	8-28-1990	Tellerman	
		US- 5,103,172	4-7-1992	Stoll	
		US- 5,717,330	2-10-1998	Moreau, et al.	
		US- 5,952,823	9-14-1999	Nyce, et al.	
		US- 5,977,778	11-2-1999	Chan, et al.	
		US- 6,356,071	3-12-2002	Koski, et al.	
		US- 6,509,733	1-21-2003	Blubaugh, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Comple if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	(Unassigned)
				Filing Date	(Herewith)
				First Named Inventor	Arun M. Hamasaqar ET AL.
				Group Art Unit	(Unassigned)
				Examiner Name	(Unassigned)
Sheet	2	of	2	Attorney Docket Number	02-599

OTHER		ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		<p>MTS Temposonics Linear Position Sensors Product Specifications MTS Sensors Group; date: 2002</p> <p>Balluff - Micropulse Linear Position Transducers; est. date: 2002</p> <p>The Magnetostrictive Position Sensors MTS Sensors Group 550824A Rod Model MH; date: 2002</p>	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.